MONTHLY BULLETIN

OF

THE OBSERVATORY

AMERICAN UNIVERSITY OF BEIRUT

FORMERLY

SYRIAN PROTESTANT COLLEGE

BEIRUT, SYRIA

LAT. 33° 54' 22" N.

LONG. E. FROM GREENWICH 35° 28' 10"

MARCH, 1934

J. A. BROWN, DIRECTOR

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MARCH 1934

METEOROLOGICAL REGISTER

Date	Barometer reduced to 0°C Sea level and 45° Latitude 700 mm. + ...				Thermometer Cent.					
	8:30	14:30	20:30	Mean	Max.	Min.	8:30	14:30	20:30	Mean
1	61.4	60.8	60.9	61.0	19.3	10.7	13.3	17.8	14.0	15.0
2	1.5	1.3	1.3	1.4	20.6	12.8	15.5	19.8	14.8	16.7
3	1.5	59.5	58.5	59.8	20.6	12.6	16.7	19.2	17.0	17.6
4	53.6	48.9	52.0	1.5	26 7	15.8	24.7	25.1	19.1	23.0
5	5.8	57.4	60.6	7.9	19.3	15.6	16.4	16.8	12.9	15.4
6	62.2	62.2	63.4	62.6	19.1	12.2	15.8	18.8	12.1	15.6
7	4.0	4.3	4.5	4.3	17.4	10.5	12.8	16.4	11.3	13.5
8	3.2	2.4	3.3	3.0	17.8	10.9	15.5	13.0	12 8	13.8
9	4.5	4.7	5.6	4.9	16.8	11.2	14.3	15 3	13.6	14.4
10	6.3	5.5	6.0	5.9	18.5	11.5	15.5	18.1	13.5	15.7
11	65.6	63.6	63.7	64.3	18.6	11.6	15.5	17.5	15 4	16.1
12	3.9	3.5	3.9	3.8	20.1	12.7	16 3	19.6	15.9	17.3
13	3.4	2.2	2.3	2.6	20.7	14.0	17.4	19.2	17.3	18.0
14	5.2	5.2	6.5	5.6	21.7	15.2	18.3	20.3	17.1	18.6
15	6.3	5.0	4.8	5.4	22.5	13.3	17.9	21 8	15 8	18.5
16	62.8	60.8	60.9	61.5	22.7	14.1	18.6	21.6	17.3	19.1
17	1.3	0.7	0.9	1.0	22.7	15.7	19.2	20.7	16.4	18.8
18	3.6	3.4	4.5	3.8	18.9	13.8	18 6	18 2	13.9	16 9
19	5.1	4.3	4.5	4.6	20.0	12.5	16.6	19.4	14.8	16.9
20	3.9	3.1	3.4	3.5	20.5	13.9	17.7	18.8	14.9	17.1
21	64.6	63.6	63.9	64.0	20.4	12.6	16.7	19.2	15.7	17.2
22	2.5	0.6	59.8	1.0	22.2	12.9	17.2	21.2	16.7	18.4
23	59.6	58.2	8.1	58.6	23.3	13.7	18 4	22.8	17.3	19.5
24	9.3	9.2	9.7	9.4	25.8	17.1	21.2	24.3	16.7	20.7
25	60.8	60 4	60.7	60.6	25.1	16.1	20.1	23.7	18.7	20.8
26	59.6	58.3	58.3	58.7	23.4	14.1	18.6	22.7	17.8	19 7
27	7.0	6.1	5.4	6.2	24.8	16.2	22.3	22.8	16.8	20.6
28	4.8	3.9	5.6	4.8	22.5	14.2	18.9	20.4	16.3	18.5
29	8.6	7.8	8.7	8.4	21.5	15.2	17 8	20.6	16.3	18.2
30	7.5	6.6	7.1	7 1	20.7	14.9	17.6	19.2	16.5	17.8
31	7.5	7.5	7.6	7.5	21.5	13.8	18 3	21.1	15.6	18.3
	761.51	760.67	761.17	761.12	21.15	13.59	17.54	19 85	15.62	17.67

Barometer, range for month 748.9 –766.5 mm.

„ 50-yr. average for month 761.163 mm.

Thermometer, Range for month 10.5°–26.7° C.

„ 50-yr. average for month 16.19° C.

Rain, total for month 32.719 m.m.

„ , 50-yr average for month 98.3 mm.

„ , total, Sept. 1st to end of month 587.53 mm.

„ , 50-yr. average, Sept 1st to end of month 826.02 mm.

MARCH 1934

METEOROLOGICAL REGISTER

Wet Bulb Cent.			Elasticity of Vapor mm.				Relative Moisture per cent.				Sun. hrs.	Rain mm.
8:30	14 30	20:30	8:30	14:30	20:30	Mean	8:30	14:30	20:30	Mean		
9.9	13.2	10.7	7.4	8.7	7.8	8.0	64	58	66	63	10.0	
12.1	15.5	13.3	8.7	10.5	10.5	9.9	66	61	84	70	8.0	
13.8	15.4	11.4	9.9	10.7	7.3	9.3	71	65	50	62	8.0	
13.1	15.4	15.4	6.5	8.4	10.8	8.6	29	36	65	43	0.0	
13.2	14.7	11.3	9.4	11.1	9.0	9.8	68	78	82	76	0.8	4.394
12.3	14.3	10.4	8.8	9.5	8.4	8.9	65	60	80	68	6.5	2.032
11.5	13.9	10.1	9.3	10.3	8.5	9.4	84	75	85	81	3.0	10.664
12.7	11.1	11.4	9.3	8.8	9.3	9.1	71	79	85	78	4.0	5.084
12.7	13.4	11.9	9.9	10.3	9.4	9.9	82	80	82	81	4.0	9.150
13.0	14.9	12.6	9.7	10.6	10.3	10.2	73	69	89	77	3.5	0.760
12.8	14.2	13.7	9.5	10.0	10.6	10.0	72	68	82	74	9.0	
14.1	16.2	14.7	10.6	11.5	11.6	11.6	77	68	87	77	9.0	
15.2	16.4	14.9	11.4	12.1	11.0	11.5	77	73	75	75	7.0	
15.9	16.5	15.3	11.9	11.5	11.8	11.7	76	65	82	74	8.5	
14.3	15.9	14.0	10.0	10.1	10.8	10.3	65	51	81	66	9.0	
15.0	16.5	15.1	10.4	10.9	11.3	10.9	66	57	77	67	8.5	
14.8	17.6	15.4	9.9	12.8	12.3	11.7	60	71	88	73	9.0	
14.3	13.8	11.3	9.7	9.3	8.5	9.2	61	60	72	64	6.0	0.635
13.0	15.3	13.3	9.1	10.5	10.5	10.0	65	62	84	70	8.0	
14.9	15.8	10.6	10.9	11.4	7.4	9.9	72	71	59	67	9.0	
13.7	16.0	14.2	9.8	11.5	11.0	10.8	70	70	84	75	10.5	
14.4	16.9	15.1	10.4	11.7	11.6	11.2	72	63	83	73	10.5	
15.6	14.3	14.2	11.3	8.2	10.2	9.9	73	40	70	61	10.5	
15.6	20.1	15.0	10.0	14.5	11.6	12.0	53	65	82	67	3.0	
16.5	17.8	15.6	11.6	11.6	11.1	11.4	66	53	70	63	0.0	
16.6	16.8	14.8	12.6	10.7	10.7	11.3	80	52	70	67	10.6	
15.1	19.1	15.3	9.0	13.8	11.9	11.6	46	67	84	66	10.5	
16.8	17.6	15.2	12.8	13.0	12.0	12.6	79	73	88	80	9.0	
14.5	16.3	13.9	10.3	11.1	10.4	10.6	68	61	76	68	8.2	
15.2	16.2	14.9	11.3	11.7	11.6	11.5	75	71	83	76	0.0	
15.9	17.4	14.6	11.9	12.4	11.6	12.0	76	67	88	77	9.0	
14.14	15.75	13.53	10.10	10.94	10.34	10.47	68.4	64.1	78.5	70.3	6.85	1.055

ght of Barometer above sea level: 33.7 meters.
„ „ Thermometers above ground:
and wet 1.55 m.; Max. 1.75 m.; Min. 1.70 m.
of Rain Gauge: above ground 0.56 m.; above sea level 30.31 m.
e of readings minus 2 hours equals G. C. T.
ear averages are for period, 1875-1924

MARCH 1934

METEOROLOGICAL REGISTER

Date	Clouds Clear—0 Overcast—10				Direction and force of wind 0—10			Wind per day	Sea	Notes
	8:30	14:30	20:30	Mean	8: 0	14:30	20:30	Km.		
1	4ci	1ci	0	1.7	0	1sw	0	57.8	calm	
2	0	1ci	5ci	2.0	1sw	1nw	0	172.5	„	
3	0	0	0	0.0	0	0	0	194.6	„	
4	9ci	10cu	10cu	9.7	1w	0	2w	443.0	light	mist at a.m. &p.m.
5	10cu	5ci	3cu	6.0	3sw	2w	1s	815.4	mod.	thin fg.&tr. rn. a.m.
6	3cu	4cu	0	2.3	2sw	3sw	0	508.4	mod.	
7	9cu	3ci	0	4.0	1sw	1s	0	401.5	mod.	lightn.in the eveng.
8	3cu	10cu	4cu	5.7	1s	2s	1s	578.0	slight	„ at night
9	5cu	3cu	10cu	6.0	0	0	0	363.0	slight	
10	8cicu	2cu	1cu	3.7	1sw	1s	0	337.2	light	tr. rn. & mt. in a.m.
11	0	1cu	1cu	0.7	0	3nw	4s	264.2	slight	dew in the morning
12	0	0	0	0.0	1sw	1s	2sw	368.0	light	
13	5ci	7ci	0	4.0	0	2nw	0	201.4	slight	
14	0	0	0	0.0	0	2ne	2ne	177.3	slight	
15	0	1ci	0	0.3	0	0	0	126.0	light	
16	5ci	0	0	1.7	0	0	0	160.9	calm	mist in the morning
17	0	6ci	10ci	5.3	1sw	2sw	0	305.6	„	
18	5cu	1cu	5cu	3.7	1sw	2sw	0	188.9	slight	
19	2cu	0	2ci	1.3	0	2nw	1sw	198.7	„	
20	0	0	0	0.0	0	1sw	0	179.4	light	
21	0	0	0	0.0	1n	3n	3n	252.0	mod.	
22	0	0	0	0.0	1n	1nw	1nw	268.0	„	thin mist in morng.
23	0	0	0	0.0	0	0	0	186.9	slight	
24	9st	9st	3st	7.0	0	0	0	174.4	light	
25	9ci	10ci	7ci	8.7	1w	0	0	122.8	„	
26	4ci	0	3ci	2.3	0	0	0	163.3	calm	thin mist in morng.
27	0	0	0	0.0	0	1w	0	215.6	light	„ „ „ „
28	1st	8ci	0	3.0	0	0	1sw	200.8	„	
29	8cu	6cu	10cu	8.0	2sw	2sw	2sw	421.9	slight	tr. of rn. a.m. & p.m.
30	6stcu	9cicu	9cu	8.0	1w	2sw	1sw	349 5	slight	„ „ „ „ „ „
31	2cu	0	0	0.7	3sw	2sw	1sw	420.3	calm	
				3.09	0.7	1.2	0.7	252.17		

Number of Daily Wind Observations

Time	N	NE	E	SE	S	SW	W	NW	Calm	Totals
8:30	2	0	0	0	1	10	3	0	15	31
14:30	1	1	0	0	4	8	2	5	10	31
20:30	1	1	0	0	3	6	1	1	18	31
Totals	4	2	0	0	8	24	6	6	43	93

Number of days with rain 7, fog 1, thunderstorms 0, gale 0.

50-yr. average number of days with rain during month 10.9